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(54) Title: REGULATION OF HUMAN LYSOSOMAL ACID LIPASE

(57) Abstract: Reagents which regulate human lysosomal acid lipase and reagents which bind to human lysosomal acid lipase gene products can play a role in preventing, ameliorating, or correcting dysfunctions or diseases including, but not limited to, cancer, CNS disorders, obesity, COPD, diabetes, and cardiovascular disorders.

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SEQUENCE LISTING

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Glu Glu Tyr Leu Val Glu Thr Glu Asp Gly Tyr Ile Leu Cys Leu Asn 50 55 60

Arg Ile Pro His Gly Arg Lys Asn His Ser Asp Lys Gly Pro Lys Pro 65 70 75 80

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Thr Asn Leu Ala Asn Ser Ser Leu Gly Phe Ile Leu Ala Asp Ala Gly
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Phe Asp Val Trp Met Gly Asn Ser Arg Gly Asn Thr Trp Ser Arg Lys 115 120 125

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Lys Trp Leu Gly Thr His Val Cys Thr His Val Ile Leu Lys Glu Leu 245 250 255

Cys Gly Asn Leu Cys Phe Leu Leu Cys Gly Phe Asn Glu Arg Asn Leu 260 265 270

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Gly Phe Leu Asp Leu Glu Asn Glu Val Asn Pro Glu Val Trp Met Asn 50 55

Thr Ser Glu Ile Ile Ile Tyr Asn Gly Tyr Pro Ser Glu Glu Tyr Glu

Val Thr Thr Glu Asp Gly Tyr Ile Leu Leu Val Asn Arg Ile Pro Tyr

Gly Arg Thr His Ala Arg Ser Thr Gly Pro Arg Pro Val Val Tyr Met 100 105

Gln His Ala Leu Phe Ala Asp Asn Ala Tyr Trp Leu Glu Asn Tyr Ala

Asn Gly Ser Leu Gly Phe Leu Leu Ala Asp Ala Gly Tyr Asp Val Trp

Met Gly Asn Ser Arg Gly Asn Thr Trp Ser Arg Arg His Lys Thr Leu 155 145 150

Ser Glu Thr Asp Glu Lys Phe Trp Ala Phe Ser Phe Asp Glu Met Ala

Lys Tyr Asp Leu Pro Gly Val Ile Asp Phe Ile Val Asn Lys Thr Gly

Gln Glu Lys Leu Tyr Phe Ile Gly His Ser Leu Gly Thr Thr Ile Gly

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Asn Phe Ala Leu Gly Pro Thr Ile Ser Phe Lys Tyr Pro Thr Gly Ile

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Pro Pro Ile Tyr Asp Leu Thr Ala Met Lys Val Pro Thr Ala Ile Trp 355 360 365

Ala Gly Gly His Asp Val Leu Val Thr Pro Gln Asp Val Ala Arg Ile 370 375 380

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Thr Ser Glu Ile Ile Ile Tyr Asn Gly Tyr Pro Ser Glu Glu Tyr Glu 65 70 75 80

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Met Gly Asn Ser Arg Gly Asn Thr Trp Ser Arg Arg His Lys Thr Leu 145 150 155 160

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Asp Ala Asp Asn Met Lys His Tyr Asn Gln Ser His Pro Pro Ile Tyr 225 230 235 240

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